


| | | |
|--|--|---|
|  FORM PTO-1449 INFORMATION DISCLOSURE CITATION | Atty Docket LU 6148 (US) | Serial No. 10/583,204 |
| | Applicant Shahram Miham et al. | |
| | Filing Date June 16, 2006 | Group Art Unit Not Yet Assigned |

U.S. PATENT DOCUMENTS

| Examiner Initial | | Document Number | Issue Date | Name | Class | Sub-Class | Filing Date |
|------------------|----|--|------------|-----------------|-------|-----------|-------------|
| | AA | 3,242,150 | 03/22/66 | Scoggin | 260 | 88.2 | |
| | AB | 3,248,179 | 04/26/66 | Norwood | 23 | 285 | |
| | AC | 3,709,853 | 01/09/73 | Karapinka | 260 | 88.2D | |
| | AD | 4,015,059 | 03/29/77 | Karol | 526 | 130 | |
| | AE | 5,808,122 (Counterpart to EP 742,046) | 09/15/98 | Herrmann et al. | 556 | 58 | |
| | AF | 6,255,418 (Counterpart to DE 19710615) | 07/03/01 | Jolly et al. | 526 | 160 | |
| | AG | 6,417,302 (Counterpart to WO 99/06414) | 07/09/02 | Bohnen | 526 | 160 | |
| | AH | 6,437,161 (Counterpart to EP 1,212,333 & WO 01/12641) | 08/20/02 | Miham et al. | 556 | 11 | |
| | AI | 6,589,905 (Counterpart to WO 00/05277) | 07/08/03 | Fischer et al. | 502 | 300 | |
| | AJ | 6,699,948 (Counterpart to EP 1,212,333 & WO 01/12641) | 03/02/04 | Miham et al. | 526 | 161 | |

FOREIGN PATENT DOCUMENTS

| | | Document Number | Date | Country | Class | Sub-Class | Translation |
|--|----|-----------------|----------|---------|-------|-----------|-------------|
| | AK | 19630580 | 02/05/98 | DE | | | |
| | AL | 19710615 | 09/17/98 | DE | | | |
| | AM | 742,046 | 11/13/96 | EP | | | |
| | AN | 1,212,333 | 06/12/02 | EP | | | |
| | AO | 91/09882 | 07/11/91 | WO | | | |

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

| | |
|----|---|
| AP | M. Enders et al., "8-Quinolylcyclopentadienyl, a Ligand with a Tailored Fit for Chelate Complexes," <u>Chem. Ber.</u> , Vol. 129, p. 459-463 (1996) |
| AR | R. Halterman, "Synthesis and Applications of Chiral Cyclopentadienylmetal Complexes," <u>Chem. Rev.</u> , Vol. 92(5), p. 965-994 (1992) |
| AS | S. Strauss, "The Search for Larger and More Weakly Coordinating Anions," <u>Chem. Rev.</u> , Vol. 93(3), p. 927-942 (1993) |

Examiner

Date Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP § 609.

Draw line through citation if not in conformance and not considered.

Include copy of this form with next communication to Applicant.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /ML/

FORM PTO-1449Atty Docket
LU 6148 (US)Serial No.
10/583,204

Applicant

Shahram Miham et al.Filing Date
June 16, 2006Group Art Unit
Not Yet Assigned**INFORMATION DISCLOSURE CITATION****U.S. PATENT DOCUMENTS**

| Examiner Initial | | Document Number | Issue Date | Name | Class | Sub-Class | Filing Date |
|------------------|----|--|------------|----------------|-------|-----------|-------------|
| | AA | 6,756,505 (Counterpart to WO 00/35928) | 06/29/05 | Kristen et al. | 556 | 7 | |
| | AB | 6,784,261 (Counterpart to WO 01/09148) | 08/31/04 | Schopf et al. | 526 | 16 | |
| | AC | 6,787,498 (Counterpart to EP 1,212,333 & WO 01/12641) | 09/07/04 | Miham et al. | 502 | 120 | |
| | AD | 6,812,185 (Counterpart to WO 00/05277) | 11/02/04 | Fischer et al. | 502 | 120 | |
| | AE | 6,838,563 (Counterpart to EP 1,212,333 & WO 01/12641) | 01/04/05 | Miham et al. | 546 | 10 | |
| | AF | 6,919,412 (Counterpart to EP 1,212,333 & WO 01/12641) | 07/19/05 | Miham et al. | 526 | 127 | |
| | AG | 6,924,248 (Counterpart to WO 01/96417) | 08/02/05 | Miham et al. | 502 | 132 | |

FOREIGN PATENT DOCUMENTS

| | | Document Number | Date | Country | Class | Sub-Class | Translation |
|--|----|-----------------|----------|---------|-------|-----------|-------------|
| | AH | 96/00243 | 01/04/96 | WO | | | |
| | AI | 96/13529 | 05/09/96 | WO | | | |
| | AJ | 97/04015 | 02/06/97 | WO | | | |
| | AK | 97/36937 | 10/09/97 | WO | | | |
| | AL | 98/22486 | 05/28/98 | WO | | | |

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

| | | |
|--|----|---|
| | AM | Kirk-Othmer, "Olefin Polymers (High Pressure Polyethylene), High Pressure (Low and Intermediate Density) Polyethylene," <i>Encyclopedia of Chemical Technology</i> , Vol. 16, p. 402-420 (1981) |
| | AN | V. Gibson et al., "Novel olefin polymerization catalysts based on iron and cobalt," <i>Chem. Commun.</i> , p. 849 (1998) |
| | AO | M. Brookhart et al., "Highly Active Iron and Cobalt Catalysts for the Polymerization of Ethylene," <i>J. Am. Chem. Soc.</i> , Vol. 120(16), p. 4049-4050 (1998) |

Examiner

Date Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP § 609.

Draw line through citation if not in conformance and not considered.

Include copy of this form with next communication to Applicant.

| | | | | | | | |
|--|----|---|--|--|-------|---|-------------|
| FORM PTO-1449 | | | | Atty Docket LU 6148 (US) | | Serial No. 10/583,204 | |
| INFORMATION DISCLOSURE CITATION | | | | Applicant Shahram Mihan et al. | | | |
| | | | | Filing Date June 16, 2006 | | Group Art Unit Not Yet Assigned | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| Examiner Initial | | Document Number | Issue Date | Name | Class | Sub-Class | Filing Date |
| | AA | 2003/0036658 (Counterpart to EP 1,212,333 & WO 01/12641) | 02/20/03 | Mihan et al. | 548 | 402 | |
| | AB | 2003/0036662 (Counterpart to EP 1,212,333 & WO 01/12641) | 02/20/03 | Mihan et al. | 556 | 20 | |
| | AC | 2003/0055267 (Counterpart to EP 1,212,333 & WO 01/12641) | 03/20/03 | Mihan et al. | 548 | 402 | |
| | AD | 2003/0176275 (Counterpart to WO 01/96417) | 09/18/03 | Fraaije et al. | 502 | 103 | |
| | AE | 2003/0236164 (Counterpart to WO 00/05277) | 12/25/03 | Fischer et al. | 502 | 439 | |
| | AF | 2004/0033890 (Counterpart to WO 01/96417) | 02/19/04 | Mihan et al. | 502 | 113 | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | | Document Number | Date | Country | Class | Sub-Class | Translation |
| | AG | 98/27124 | 06/25/98 | WO | | | |
| | AH | 98/40419 | 09/17/98 | WO | | | |
| | AI | 99/06414 | 02/11/99 | WO | | | |
| | AJ | 00/05277 | 02/03/00 | WO | | | |
| | AK | 00/24787 | 05/04/00 | WO | | | |
| OTHER (Including Author, Title, Date, Pertinent Pages, etc.) | | | | | | | |
| | AL | | H. Brinzing et al., " <i>ansa</i> -Metallocene derivatives - XVII. Racemic and <i>meso</i> diastereomers of group IV metallocene derivatives with symmetrically substituted, dimethylsilanediyl-bridged ligand frameworks. Crystal structure of R ₂ S-Me ₂ Si(3- <i>i</i> -Bu-5-MeC ₅ H ₂ ZrCl ₂)," <u>Journal of Organometallic Chemistry</u> , Vol. 369, p. 359-370 (1989) | | | | |
| | | | | | | | |
| | | | | | | | |
| | AM | | P. Jutzi et al., "Cyclopentadienyl compounds with nitrogen donors in the side-chain," <u>Journal of Organometallic Chemistry</u> 500, p. 175-185 (1995) | | | | |
| Examiner | | | | Date Considered | | | |
| EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant. | | | | | | | |

| | | | | | | | | |
|--|----|---|---|---------------|--|-----------|---|--|
| FORM PTO-1449 INFORMATION DISCLOSURE CITATION | | | | | Atty Docket LU 6148 (US) | | Serial No. 10/583,204 | |
| | | | | | Applicant Shahram Mihan et al. | | | |
| | | | | | Filing Date June 16, 2006 | | Group Art Unit Not Yet Assigned | |
| U.S. PATENT DOCUMENTS | | | | | | | | |
| Examiner Initial | | Document Number | Issue Date | Name | Class | Sub-Class | Filing Date | |
| | AA | 2004/0214970 (Counterpart to WO 01/09148) | 10/28/04 | Schopf et al. | 526 | 159 | | |
| | AB | 2004/0242880 (Counterpart to WO 03/024982) | 12/02/04 | Mihan et al. | 546 | 2 | | |
| | AC | | | | | | | |
| | AD | | | | | | | |
| | AE | | | | | | | |
| | AF | | | | | | | |
| | AG | | | | | | | |
| | AH | | | | | | | |
| | AI | | | | | | | |
| | AI | | | | | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | | |
| | | Document Number | Date | Country | Class | Sub-Class | Translation | |
| | AK | 00/31090 | 06/02/00 | WO | | | | |
| | AL | 00/35928 | 06/22/00 | WO | | | | |
| | AM | 01/09148 | 02/08/01 | WO | | | | |
| | AN | 01/12641 | 02/22/01 | WO | | | | |
| | AO | 01/41920 | 06/14/01 | WO | | | | |
| OTHER (Including Author, Title, Date, Pertinent Pages, etc.) | | | | | | | | |
| | AP | | L. Fieser & M. Fieser, Chapter 33, "Heterocyclen," <u>Lehrbuch der Organischen Chemie</u> , 3 rd revised edition, Verlag Chemie, Weinheim (1957) | | | | | |
| | AR | | Lettau, <u>Chemie der Heterocyclen</u> , p. 17-27, 1 st edition, VEB, Weinheim (1979) | | | | | |
| | AS | | L. Brandsma, " <u>Preparative Polar Organometallic Chemistry</u> ," Volume 2, p. 133-142 (1991) | | | | | |
| Examiner | | | | | Date Considered | | | |
| EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant. | | | | | | | | |

| | | | | | | | | |
|--|----|---|------------|---------|--|-----------|---|--|
| FORM PTO-1449 INFORMATION DISCLOSURE CITATION | | | | | Atty Docket LU 6148 (US) | | Serial No. 10/583,204 | |
| | | | | | Applicant Shahram Mihan et al. | | | |
| | | | | | Filing Date June 16, 2006 | | Group Art Unit Not Yet Assigned | |
| U.S. PATENT DOCUMENTS | | | | | | | | |
| Examiner Initial | | Document Number | Issue Date | Name | Class | Sub-Class | Filing Date | |
| | AA | | | | | | | |
| | AB | | | | | | | |
| | AC | | | | | | | |
| | AD | | | | | | | |
| | AE | | | | | | | |
| | AF | | | | | | | |
| | AG | | | | | | | |
| | AH | | | | | | | |
| | AI | | | | | | | |
| | AJ | | | | | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | | |
| | | Document Number | Date | Country | Class | Sub-Class | Translation | |
| | AK | 01/92346 | 12/06/01 | WO | | | | |
| | AL | 01/96417 | 12/20/01 | WO | | | | |
| | AM | 03/024982 | 03/27/03 | WO | | | | |
| | AN | | | | | | | |
| | AO | | | | | | | |
| OTHER (Including Author, Title, Date, Pertinent Pages, etc.) | | | | | | | | |
| | AP | N. Furukawa et al., "Preparation of Pridyl Grignard Reagents and Cross Coupling Reactions with Sulfoxides Bearing Azaheterocycles," <u>Tetrahedron Letters</u> , Vol. 28(47), p. 5845-5848 (1987) | | | | | | |
| | AR | <u>Chemical Reviews</u> , Volume 100(4), p. 1167-2476 (2000) | | | | | | |
| | AS | J. Ewen et al., "Expanding the Scope of Metallocene Catalysis: Beyond Indenyl and Fluorenyl Derivatives," <u>Springer Verlag</u> , p. 150-169 (1999) | | | | | | |
| Examiner | | | | | Date Considered | | | |
| EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant. | | | | | | | | |

| | | | | | | | |
|--|----|-----------------|--|--|-------|---|-------------|
| FORM PTO-1449 | | | | Atty Docket LU 6148 (US) | | Serial No. 10583,204 | |
| INFORMATION DISCLOSURE CITATION | | | | Applicant Shahram Mihan et al. | | | |
| | | | | Filing Date June 16, 2006 | | Group Art Unit Not Yet Assigned | |
| U.S. PATENT DOCUMENTS | | | | | | | |
| Examiner Initial | | Document Number | Issue Date | Name | Class | Sub-Class | Filing Date |
| | AA | | | | | | |
| | AB | | | | | | |
| | AC | | | | | | |
| | AD | | | | | | |
| | AE | | | | | | |
| | AF | | | | | | |
| | AG | | | | | | |
| | AH | | | | | | |
| | AI | | | | | | |
| | AJ | | | | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | | Document Number | Date | Country | Class | Sub-Class | Translation |
| | AK | | | | | | |
| | AL | | | | | | |
| | AM | | | | | | |
| | AN | | | | | | |
| | AO | | | | | | |
| OTHER (Including Author, Title, Date, Pertinent Pages, etc.) | | | | | | | |
| | AP | | "D. 7.3.5. Reaktionen mit metallorganischen Verbindungen," <u>Organikum</u> , 18 th edition, p. 499 (1990) | | | | |
| | AR | | S. Torkelson et al., "Silylation of 1,3-Dicarbonyl Compounds with Hexamethyldisilazane and Imidazole," <u>Synthesis</u> , Vol. 11, p. 722-724 (1976) | | | | |
| | AS | | | | | | |
| Examiner /Marialouisa Lao/ | | | | Date Considered 03/26/2008 | | | |
| EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant. | | | | | | | |